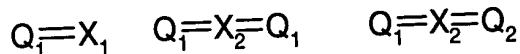


Please amend the above-identified patent application, without prejudice, as follows:

IN THE CLAIMS:

Amend claims 1 and 2 by replacement as follows:

1. (Amended) A compound of the formula A compound of the formula (Ia), (Ib) or (Ic)



(Ia)

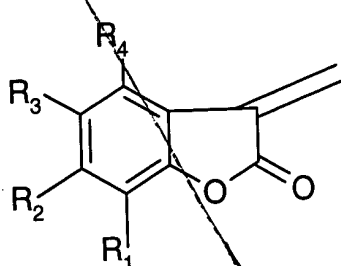
(Ib)

(Ic)

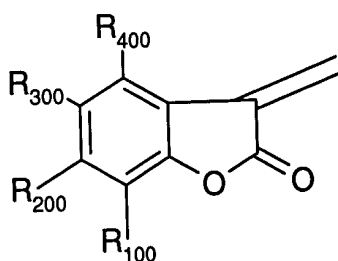
in which

$Q_1$  is a benzofuran-2-one of the formula (IIa), and

$Q_2$  is a benzofuran-2-one of the formula (IIb)



(IIa)



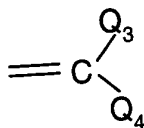
(IIb)

in which

$R_1$ ,  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_{100}$ ,  $R_{200}$ ,  $R_{300}$  or  $R_{400}$  independently of one another are hydrogen, halogen, hydroxyl, cyano, ether, nitro, an amine, amide, imine, urethane, sulfonamide, ester, carboxylic acid or sulfonic acid radical or carboxylic salt, sulfonic salt or  $C_1$ - $C_{24}$ alkyl,  $C_1$ - $C_{24}$ alkoxy,  $C_1$ - $C_{24}$ alkylthio,  $C_5$ - $C_{12}$ cycloalkyl,  $C_5$ - $C_{12}$ cycloalkoxy,  $C_5$ - $C_{12}$ cycloalkylthio,  $C_2$ - $C_{24}$ alkenyl,  $C_6$ - $C_{24}$ aryl,  $C_7$ - $C_{25}$ aralkyl,  $C_6$ - $C_{24}$ aryloxy,  $C_6$ - $C_{24}$ arylthio, thienyl, benzo[b]thienyl, dibenzo[b,d]thienyl, thianthrenyl, furyl, furfuryl, 2H-pyranyl, benzofuranyl, isobenzofuranyl, benzimidazolyl, benzothiazolyl, dibenzofuranyl, phenoxythiynyl, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, bipyridyl, triazinyl, pyrimidinyl, pyrazinyl, pyridazinyl, indolizynyl, isoindolyl, indolyl, indazolyl, purinyl, quinolizynyl, quinolyl, isoquinolyl, phthalazinyl, naphthyridinyl, quinoxalinyl, quinazolinyl, cinnolynyl, pteridinyl, carbazolyl, carbolinyl, benzotriazolyl, benzoxazolyl, phenanthridinyl, acridinyl, perimidinyl, phenanthrolinyl, phenazinyl, isothiazolyl, phenothiazinyl, isoxazolyl, furazanyl or phenoxazinyl, O-thienyl, O-benzo[b]thienyl, O-dibenzo[b,d]thienyl, O-thianthrenyl, O-furyl, O-furfuryl, O-2H-pyranyl, O-benzofuranyl, O-isobenzofuranyl, O-benzimidazolyl, O-benzothiazolyl, O-dibenzofuranyl, O-phenoxythiynyl, O-pyrrolyl, O-imidazolyl, O-pyrazolyl, O-pyridyl, O-bipyridyl, O-triazinyl, O-pyrimidinyl, O-pyrazinyl, O-pyridazinyl, O-indolizynyl, O-isoindolyl, O-indolyl, O-indazolyl, O-purinyl, O-quinolizynyl, O-quinolyl, O-isoquinolyl, O-phthalazinyl, O-naphthyridinyl, O-quinoxalinyl, O-quinazolinyl, O-cinnolynyl, O-pteridinyl, O-carbazolyl,

*Subcl*  
 O-carbolinyl, O-benzotriazolyl, O-benzoxazolyl, O-phenanthridinyl, O-acridinyl, O-perimidinyl, O-phenanthrolinyl, O-phenazinyl, O-isothiazolyl, O-phenothiazinyl, O-isoxazolyl, O-furazanyl or O-phenoxazinyl, S-thienyl, S-benzo[b]thienyl, S-dibenzo[b,d]thienyl, S-thianthrenyl, S-furyl, S-furfuryl, S-phenoxathiinyl, S-pyrrolyl, S-imidazolyl, S-pyrazolyl, S-pyridyl, S-bipyridyl, S-triazinyl, S-pyrimidinyl, S-pyrazinyl, S-pyridazinyl, S-indolizinyl, S-isoindolyl, S-indolyl, S-indazolyl, S-purinyl, S-quinolizinyl, S-quinolyl, S-isoquinolyl, S-phthalazinyl, S-naphthyridinyl, S-quinoxalyl, S-quinazolinyl, S-cinnolinyl, S-pteridinyl, S-carbazolyl, S-carbolinyl, S-benzotriazolyl, S-benzoxazolyl, S-phenanthridinyl, S-acridinyl, S-perimidinyl, S-phenanthrolinyl, S-phenazinyl, S-isothiazolyl, S-phenothiazinyl, S-isoxazolyl, S-furazanyl or S-phenoxazinyl,

*BH*  
 or  
 $R_1$  and  $R_2$ ,  $R_2$  and  $R_3$ ,  $R_3$  and  $R_4$  or  $R_{100}$  and  $R_{200}$ , or  $R_{200}$  and  $R_{300}$ ,  $R_{300}$  and  $R_{400}$ , independently of one another in each case together are divalent radicals, such as polycyclic radicals or 1,3-butadien-1,4-ylene or  $-\text{CH}=\text{CH}-\text{NH}-$ , the two last radicals forming an additional fused-on 5- or 6-membered ring, and  
 $X_1$  is a hydrazone or imine radical, with the proviso that, if  $R_1$ ,  $R_2$ ,  $R_3$  and  $R_4$  are hydrogen, or at least one  $R_1$ ,  $R_2$ ,  $R_3$  or  $R_4$  is methyl, the hydrazone radical is excluded, or, if  $R_1$ ,  $R_2$ ,  $R_3$  or  $R_4$  is hydrogen,  $X_1$  is not phenylimine- or 4-dimethylamine-phenylimine, or  $X_1$  is a methylene radical,



in which

$Q_3$  is a primary or secondary amine radical and  $Q_4$  is hydrogen or  $C_1$ - $C_{24}$ alkyl,  $-\text{CO}-(C_1-C_{24}\text{alkyl})$ ,  $-\text{CO}-O-(C_1-C_{24}\text{alkyl})$ ,  $C_1$ - $C_{24}$ alkoxy,  $C_1$ - $C_{24}$ alkylthio,  $C_5$ - $C_{12}$ cycloalkyl,  $C_5$ - $C_{12}$ cycloalkoxy,  $C_5$ - $C_{12}$ cycloalkylthio,  $C_2$ - $C_{24}$ alkenyl,  $C_6$ - $C_{24}$ aryl,  $-\text{CO}-O-(C_6-C_{24}\text{aryl})$ ,  $-\text{CO}-(C_6-C_{24}\text{aryl})$ ,  $C_6$ - $C_{24}$ aryloxy, a primary or secondary amine radical,  $C_6$ - $C_{12}$ arylthio,  $C_7$ - $C_{25}$ aralkyl, thienyl, benzo[b]thienyl, dibenzo[b,d]thienyl, thianthrenyl, furyl, furfuryl, 2H-pyranyl, benzofuranyl, isobenzofuranyl, benzimidazolyl, benzothiazolyl, dibenzofuranyl, phenoxythiinyl, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, bipyridyl, triazinyl, pyrimidinyl, pyrazinyl, pyridazinyl, indolizinyl, isoindolyl, indolyl, indazolyl, purinyl, quinolizinyl, quinolyl, isoquinolyl, phthalazinyl, naphthyridinyl, quinoxalyl, quinazolinyl, cinnolinyl, pteridinyl, carbazolyl, carbolinyl, benzotriazolyl, benzoxazolyl, phenanthridinyl, acridinyl, perimidinyl, phenanthrolinyl, phenazinyl, isothiazolyl, phenothiazinyl, isoxazolyl, furazanyl or phenoxazinyl O-thienyl, O-

Sub C1

B1

benzo[b]thienyl, O-dibenzo[b,d]thienyl, O-thianthrenyl, O-furyl, O-furfuryl, O-2H-pyranyl, O-benzofuranyl, O-isobenzofuranyl, O-benzimidazolyl, O-benzothiazolyl, O-dibenzofuranyl, O-phenoxythiinylyl, O-pyrrolyl, O-imidazolyl, O-pyrazolyl, O-pyridyl, O-bipyridyl, O-triazinyl, O-pyrimidinyl, O-pyrazinyl, O-pyridazinyl, O-indolizinylyl, O-isoindolyl, O-indolyl, O-indazolyl, O-purinylyl, O-quinolizinylyl, O-quinolyl, O-isoquinolyl, O-phthalazinyl, O-naphthyridinyl, O-quinoxalinylyl, O-quinazolinylyl, O-cinnolinylyl, O-pteridinyl, O-carbazolyl, O-carbolinylyl, O-benzotriazolyl, O-benzoxazolyl, O-phenanthridinyl, O-acridinyl, O-perimidinyl, O-phenanthrolinyl, O-phenazinyl, O-isothiazolyl, O-phenothiazinyl, O-isoxazolyl, O-furazanyl or O-phenoxazinyl S-thienyl, S-benzo[b]thienyl, S-dibenzo[b,d]thienyl, S-thianthrenyl, S-furyl, S-furfuryl, S-2H-pyranyl, S-benzofuranyl, S-isobenzofuranyl, S-benzimidazolyl, S-benzothiazolyl, S-dibenzofuranyl, S-phenoxythiinylyl, S-pyrrolyl, S-imidazolyl, S-pyrazolyl, S-pyridyl, S-bipyridyl, S-triazinyl, S-pyrimidinyl, S-pyrazinyl, S-pyridazinyl, S-indolizinylyl, S-isoindolyl, S-indolyl, S-indazolyl, S-purinylyl, S-quinolizinylyl, S-quinolyl, S-isoquinolyl, S-phthalazinyl, S-naphthyridinyl, S-quinoxalinylyl, S-quinazolinylyl, S-cinnolinylyl, S-pteridinyl, S-carbazolyl, S-carbolinylyl, S-benzotriazolyl, S-benzoxazolyl, S-phenanthridinyl, S-acridinyl, S-perimidinyl, S-phenanthrolinyl, S-phenazinyl, S-isothiazolyl, S-phenothiazinyl, S-isoxazolyl, S-furazanyl or S-phenoxazinyl,

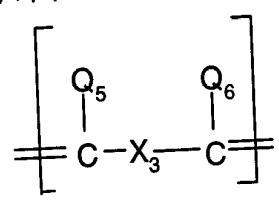
or

Q<sub>3</sub> and Q<sub>4</sub> together are a lactam, quinomethylene, hydantoin, acenaphthenequinone, azlactone, pyrazolonyl, barbituric acid, isoindolinone or isoindoline radical, with the proviso that

Q<sub>4</sub> is not hydrogen and Q<sub>3</sub> is not a primary or secondary amine radical if R<sub>3</sub> is hydrogen, methoxy or hydroxyl and R<sub>1</sub>, R<sub>2</sub> and R<sub>4</sub> are hydrogen,

and

X<sub>2</sub> is thienyl, furyl, 2H-pyranyl, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, triazinyl, pyrazinyl, pyridazinyl, morpholin, piperidyl, piperazinyl, or is



in which

X<sub>3</sub> is a single bond, C<sub>6</sub>-C<sub>24</sub>arylene, thienylene, benzo[b]thienylene, dibenzo[b,d]thienylene, thianthrene-nylene, furylene, furfurylene, 2H-pyranylene, benzofuranylene, isobenzofuranylene, di-benzofuranylene, phenoxythinylylene, pyrrolylene, imidazolylylene, pyrazolylylene, pyridylene, bipyridylene, benzimidazolylylene, benzothiazolylylene, triazinylene, pyrimidinylene, pyrazinylene, pyridazinylene,

Sub C1  
indolizinylen, isoindolylen, indolylen, indazolylen, purinylen, quinolizinylen, quinolylen, isoquinolylen, phthalazinylen, naphthyridinylen, quinoxalinylen, quinazolinylen, cinnolinylen, pteridinylen, carbazolylen, carbolinylen, benzotriazolylen, benzoxazolylen, phenanthridinylen, acridinylen, perimidinylen, phenanthrolinylen, phenazinylen, isothiazolylen, phenothiazinylen, isoxazolylen, furazanylen or phenoxazinylen 1,2-phenylene, 1,3-phenylene, 1,4-phenylene or naphthylene, or a tetravalent polyether, polyimine, polyamine radical, or bi(C<sub>6</sub>-C<sub>24</sub>)arylene, bipyridylen, bipyrrolylen, piperazinedionylen, quinodimethylen, imidazolonylen, isoindolinylen, and anthraquinoylfuranoylen, C<sub>2</sub>-C<sub>24</sub>alkenylen, in which bi(C<sub>6</sub>-C<sub>24</sub>)arylene, bipyridylen, bipyrrolylen, piperazinedionylen, quinodimethylen, imidazolonylen, isoindolinylen, and anthraquinoylfuranoylen or C<sub>2</sub>-C<sub>24</sub>alkenylen are optionally interrupted by one or more intermediate units selected from the group consisting of -CH=CH-, -CH=N-, -N=N-, -CR<sub>44</sub>R<sub>42</sub>-, -CO-, -COO-, -OCO-, -NR<sub>42</sub>CO-, -CONR<sub>42</sub>-, -O-, -S-, -SO-, -SO<sub>2</sub>- or -NR<sub>42</sub>-,

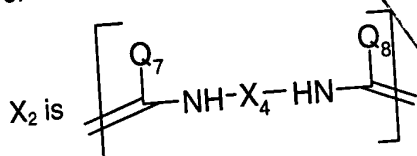
BT  
in which R<sub>42</sub> and R<sub>44</sub> independently of one another are hydrogen, C<sub>1</sub>-C<sub>24</sub>alkyl, C<sub>5</sub>-C<sub>12</sub>cycloalkyl, C<sub>2</sub>-C<sub>24</sub>alkenyl, C<sub>6</sub>-C<sub>24</sub>aryl, C<sub>7</sub>-C<sub>25</sub>aralkyl or thienyl, benzo[b]thienyl, dibenzo[b,d]thienyl, thianthrenyl, furyl, furfuryl, 2H-pyran, benzofuranyl, isobenzofuranyl, benzimidazolyl, benzothiazolyl, dibenzofuranyl, phenoxythiynyl, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, bipyridyl, triazinyl, pyrimidinyl, pyrazinyl, pyridazinyl, indolizynyl, isoindolyl, indolyl, indazolyl, purinyl, quinolizynyl, quinolyl, isoquinolyl, phthalazinyl, naphthyridinyl, quinoxalynyl, quinazolynyl, cinnolynyl, pteridinyl, carbazolyl, carbolynyl, benzotriazolyl, benzoxazolyl, phenanthridinyl, acridinyl, perimidinyl, phenanthrolinyl, phenazinyl, isothiazolyl, phenothiazinyl, isoxazolyl, furazanyl or phenoxazinyl,

with the proviso that if R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>100</sub>, R<sub>200</sub>, R<sub>300</sub>, R<sub>400</sub> are all tert-butyl or all hydrogen, Q<sub>5</sub> and Q<sub>6</sub> are hydrogen, X<sub>3</sub> is not 1,4-phenylene, and Q<sub>5</sub> and Q<sub>6</sub> independently of one another are hydrogen, C<sub>6</sub>-C<sub>24</sub>aryl, C<sub>6</sub>-C<sub>24</sub>aryloxy, C<sub>1</sub>-C<sub>24</sub>alkyl, C<sub>1</sub>-C<sub>24</sub>alkoxy, C<sub>1</sub>-C<sub>24</sub>alkylthio, C<sub>5</sub>-C<sub>12</sub>cycloalkyl, C<sub>5</sub>-C<sub>12</sub>cycloalkoxy, C<sub>5</sub>-C<sub>12</sub>cycloalkylthio, C<sub>2</sub>-C<sub>24</sub>alkenyl, C<sub>6</sub>-C<sub>24</sub>aryl, C<sub>6</sub>-C<sub>24</sub>aryloxy, C<sub>6</sub>-C<sub>24</sub>arylthio, thienyl, benzo[b]thienyl, dibenzo[b,d]thienyl, thianthrenyl, furyl, furfuryl, 2H-pyran, benzofuranyl, isobenzofuranyl, benzimidazolyl, benzothiazolyl, dibenzofuranyl, phenoxythiynyl, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, bipyridyl, triazinyl, pyrimidinyl, pyrazinyl, pyridazinyl, indolizynyl, isoindolyl, indolyl, indazolyl, purinyl, quinolizynyl, quinolyl, isoquinolyl, phthalazinyl, naphthyridinyl, quinoxalynyl, quinazolynyl, cinnolynyl, pteridinyl, carbazolyl, carbolynyl, benzotriazolyl, benzoxazolyl, phenanthridinyl, acridinyl, perimidinyl, phenanthrolinyl, phenazinyl, isothiazolyl, phenothiazinyl, isoxazolyl, furazanyl or phenoxazinyl O-thienyl, O-benzo[b]thienyl, O-di-benzo[b,d]thienyl, O-thianthrenyl, O-furyl, O-furfuryl, O-2H-pyran, O-benzofuranyl, O-isobenzofuranyl, O-benzimidazolyl, O-benzothiazolyl, O-dibenzofuranyl, O-phenoxythiynyl, O-pyrrolyl,

PL/2-21988/A

Sub C1  
 O-imidazolyl, O-pyrazolyl, O-pyridyl, O-bipyridyl, O-triazinyl, O-pyrimidinyl, O-pyrazinyl, O-pyridazinyl, O-indoliziny, O-isoindolyl, O-indolyl, O-indazolyl, O-puriny, O-quinoliziny, O-quinolyl, O-isoquinolyl, O-phthalazinyl, O-naphthyridinyl, O-quinoxaliny, O-quinazoliny, O-cinnoliny, O-pteridinyl, O-carbazolyl, O-carboliny, O-benzotriazolyl, O-benzoxazolyl, O-phenanthridinyl, O-acridinyl, O-perimidinyl, O-phenanthrolinyl, O-phenazinyl, O-isothiazolyl, O-phenothiazinyl, O-isoxazolyl, O-furazanyl or O-phenoxazinyl S-thienyl, S-benzo[b]thienyl, S-dibenzo[b,d]thienyl, S-thianthrenyl, S-furyl, S-furfuryl, S-2H-pyranyl, S-benzofuranyl, S-isobenzofuranyl, S-benzimidazolyl, S-benzothiazolyl, S-dibenzofuranyl, S-phenoxythiiny, S-pyrrolyl, S-imidazolyl, S-pyrazolyl, S-pyridyl, S-bipyridyl, S-triazinyl, S-pyrimidinyl, S-pyrazinyl, S-pyridazinyl, S-indoliziny, S-isoindolyl, S-indolyl, S-indazolyl, S-puriny, S-quinoliziny, S-quinolyl, S-isoquinolyl, S-phthalazinyl, S-naphthyridinyl, S-quinoxaliny, S-quinazoliny, S-cinnoliny, S-pteridinyl, S-carbazolyl, S-carboliny, S-benzotriazolyl, S-benzoxazolyl, S-phenanthridinyl, S-acridinyl, S-perimidinyl, S-phenanthrolinyl, S-phenazinyl, S-isothiazolyl, S-phenothiazinyl, S-isoxazolyl, S-furazanyl or S-phenoxazinyl,

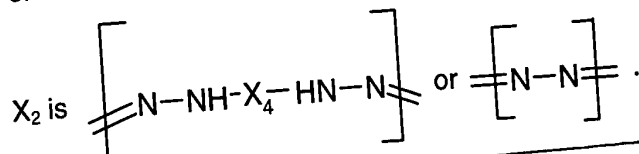
or



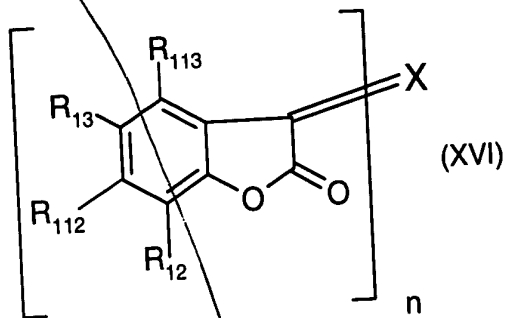
in which

$Q_7$  and  $Q_8$  independently of one another are  $Q_5$  or  $Q_6$ , and  $X_4$  is  $C_6-C_{24}$ arylene,  $A_5-A_{18}$ heteroarylene, a polymethylidene or divalent polyether, polyimine, polyamine radical, or  $bi(C_6-C_{24})$ arylene, bipyridylene, bipyrrolylen, piperazinedionylen, quinodimethylene, imidazolonylen, isoindolinylen, and anthraquinoylfuranoylen  $C_2-C_{24}$ alkenylen, in which  $bi(C_6-C_{24})$ arylene, bipyridylene, bipyrrolylen, piperazinedionylen, quinodimethylene, imidazolonylen, isoindolinylen, and anthraquinoylfuranoylen or  $C_2-C_{24}$ alkenylen are optionally interrupted by one or more intermediate units selected from the group consisting of  $-CH=CH-$ ,  $-CH=N-$ ,  $-N=N-$ ,  $-CR_{44}R_{42}-$ ,  $-CO-$ ,  $-COO-$ ,  $-OCO-$ ,  $-NR_{42}CO-$ ,  $-CONR_{42}-$ ,  $-O-$ ,  $-S-$ ,  $-SO-$ ,  $-SO_2-$  or  $-NR_{42}-$ ,

or



2. (Amended) A compound according to claim 1 of the formula (XVI)



B2

in which

$n$  is 1 or 2, and

if  $n$  is 1

$X$  is  $X_1$  as defined in claim 1, and

if  $n$  is 2

$X$  is  $X_2$  as defined in claim 1, and

$R_{12}$ ,  $R_{112}$ ,  $R_{13}$  and  $R_{113}$  independently of one another are hydrogen, halogen, OH,  $NO_2$ ,  $R_{14}$ ,  $OR_{14}$ ,  $OC_9-C_{18}$ alkyl or  $SC_9-C_{18}$ alkyl, in which

$R_{14}$  is  $C_1-C_{24}$ alkyl which is unsubstituted or substituted one or more times by oxo or by  $COO^-X_5^+$  and which is uninterrupted or interrupted one or more times by O, N and/or S, or is  $C_7-C_{18}$ aralkyl or  $C_6-C_{12}$ aryl unsubstituted or substituted one or more times by halogen,  $OR_{16}$ ,  $NR_{16}R_{17}$ ,  $COOR_{16}$ ,  $CONR_{16}R_{17}$ ,  $NR_{18}COR_{16}$  or  $NR_{18}COOR_{16}$ ,

$X_5^+$  is a cation  $H^+$ ,  $Na^+$ ,  $K^+$ ,  $Mg^{++\frac{1}{2}}$ ,  $Ca^{++\frac{1}{2}}$ ,  $Zn^{++\frac{1}{2}}$ ,  $Al^{+++ \frac{1}{3}}$  or  $(NR_{16}R_{17}R_{18}R_{19})^+$ , and

$R_{16}$  and  $R_{17}$  independently of one another are hydrogen,  $C_6-C_{12}$ aryl,  $C_7-C_{10}$ aralkyl, or  $C_1-C_8$ alkyl which is unsubstituted or substituted one or more times by halogen, hydroxyl or  $C_1-C_4$ alkoxy, or

$R_{16}$  and  $R_{17}$  in  $NR_{16}R_{17}$  or  $CONR_{16}R_{17}$ , together with the nitrogen atom connecting them, are pyrrolidine, piperidine, piperazine or morpholine each of which is unsubstituted or substituted from one to four times by  $C_1-C_4$ alkyl,

and

$R_{18}$  and  $R_{19}$  independently of one another are hydrogen,  $C_1-C_8$ alkyl,  $C_6-C_{10}$ aryl or  $C_6-C_{12}$ aralkyl, or  $R_{12}$  and  $R_{112}$ ,  $R_{112}$  and  $R_{13}$ ,  $R_{13}$  and  $R_{113}$  independently of one another are each together divalent radicals.